

Executive Communications and Control

13 March 2003

3 VCSCA
2 DAS 3/13/03
1 Dir, ECCSC
4 LTC Olson, 695-7922

SUBJECT: M88A1 Recapitalization Program
Baseline (RPB) Approval

1. **TYPE ACTION:** **ACTION AGENCY:**
SIGNATURE ASA(ALT)

2. **DISCUSSION:** ASA(ALT) forwards three-star note (**Next Under**) to request VCSA dual signature on the M88A1 Recapitalization Program Baseline (RPB) Approval memo (**Tab A**). -- The AAE, Mr. Bolton, already signed the memo.

- **Tab B** provides the RPB.

- **Tab C** provides the MILDEP Recapitalization Guidance Letter and PEO CS/CSS validation letter.

3. **COORDINATION:** ASA(ALT), OGC, SAFM-BUI, PEO CS/CSS, SAAL-SI, SAAL-ZL, DAPR-FDM, G8-PAE

4. **RECOMMENDATION:** VCSA dual sign memo (**Tab A**).

SIGNED: _____

SEE NOTE: _____

30302922



CJ 12MAY03

THRU: ARMY ACQUISITION EXECUTIVE

FOR: VICE CHIEF OF STAFF, ARMY

SUBJECT: M88A1 Recapitalization Program Baseline (RPB)
Approval

Sen.

The enclosed subject memorandum is provided for both the Army Acquisition Executive and the Chief of Staff, Army signatures. The M88A1 RPB obtained the required documentation and coordination from the Army Staff.

Very respectfully,

John S. Caldwell, Jr.
John S. Caldwell, Jr.
LTG, GS

Enclosure



DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 20310

FORM 100-100

SAAL-SI

MEMORANDUM FOR SEE DISTRIBUTION


SUBJECT: M88A1Recapitalization Program Baseline (RPB) Approval

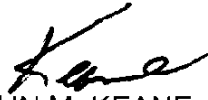
The PEO conducted a Decision Review of the M88A1 Recapitalization Program and validated it pending final approval of the RPB by the Army Acquisition Executive/Vice Chief of Staff, Army (Tab A). The M88A1RPB (Tab B) is submitted for review and approval by the Army Acquisition Executive/Vice Chief of Staff of the Army. The November 7, 2001, memorandum (Tab C) from LTG Caldwell tasked the Program Executive Officer (PEO) to comply with the RPB guidance.

In accordance with the Army Recapitalization Management Policy, M88A1 RPB, dated November 2002, is approved for implementation. The Program Executive Officer and Project Manager will execute all rebuilds for the M88A1 in accordance with the funding and schedule baselines documented in the RPB. The RPB will provide the basis for sound management and historical record from which to measure success.

It is imperative that we work together and establish close partnerships at all levels to ensure success. Our warfighters depend on this recapitalization effort to maintain system readiness, sustainability, and combat overmatch as we transform the Army.

Point of contact for this matter is Mr. Jose Rivera, 703-604-7244, or e-mail: jose.rivera@saalt.army.mil.


Claude M. Bolton, Jr.
Army Acquisition Executive


JOHN M. KEANE
General, U.S. Army
Vice Chief of Staff, Army

Enclosures

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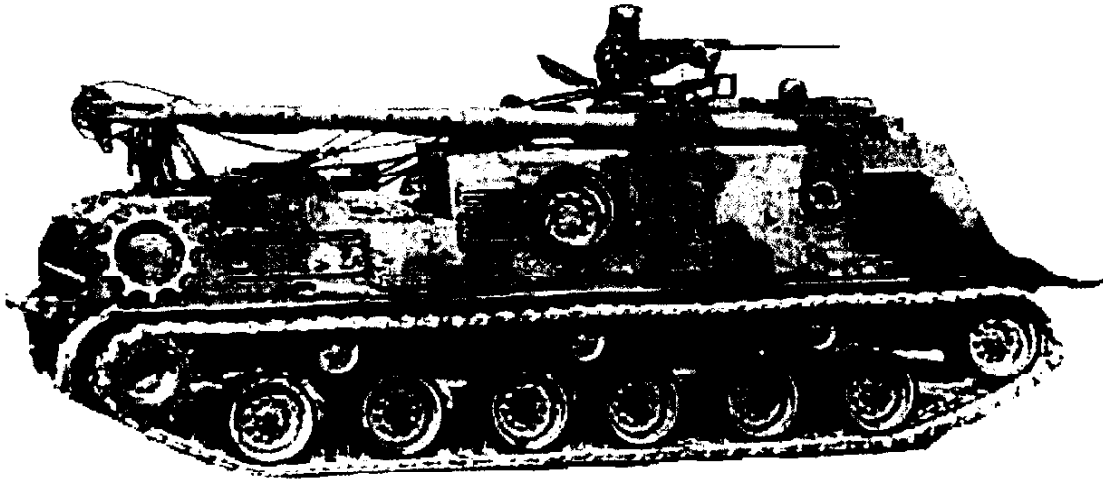
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U.S. ARMY TANK-AUTOMOTIVE AND ARMAMENTS COMMAND, ATTN: AMSTA-CG

PROGRAM EXECUTIVE OFFICER, COMBAT SUPPORT/COMBAT SERVICE SUPPORT, ATTN: SFAE-CSS

M88A1 Medium Recovery Vehicle



Recapitalization Program Baseline

**“Rebuild and Upgrade the Legacy Force to
Ensure Operational Readiness”**

1 November 2002

M88A1 Recapitalization Program Baseline

1. Program Description: On 28 September 2001, the VCSA approved the Recapitalization Plan for the M88A1 program.

The program will:

- Produce a Fleet Mix of:
 - 317 M88A1s to a like-new, near zero hour / zero mile vehicle.
 - 58 HERCULES (M88A2s)

RATE PER YEAR:

FY	02	03	04	05	06	07
# of vehs	53	53	52	53	53	53

- Analyze and develop NMWRs and/or update existing DMWRs in order to produce an overhauled component that complies with the new NMP standards (AR 750-1). See Table 1.
- Provide the following technical insertions to enhance the vehicle and reduce O&S costs:
 - HATZ Auxiliary Power Unit (APU) – drives a generator and hydraulic pump allowing full use of a hydraulic impact wrench and limited use of winch and boom.
 - Vehicular Intercommunication System (VIS) – latest version of vehicle intercom system enabling communication between crew member stations.
 - Vehicle Master Lighting Switch (VMLS) – the latest solid state VMLS that is replacing 1940s designed switch. The VMLS controls vehicle service and blackout lighting modes.
- Contain performance-based measurements that will be used to track its success, and which will form the basis for high-level tracking.

Component	Configuration M88A1	Stock Number	Status	NMWR	DMWR
Hull	x	DMWR 9-2350-256	ANAD Overhaul		YES
Hydraulics	x	DMWR 9-2500-501	ANAD Overhaul		YES
XT1410-4 Transmission	x	2520-00-140-7531	ANAD Overhaul	YES	
AVDS 1790 Series Engines	x	2815-00-124-5387	ANAD Overhaul	YES	
Fuel Pump	x	2910-01-073-0124	ANAD Overhaul	YES	
Turbo Supercharger	x	2950-01-157-8822	ANAD Overhaul	YES	
Final Drives	x	2520-00-896-9020 2520-00-896-9021	ANAD Overhaul ANAD Overhaul	YES YES	
Generator	x	2920-00-795-6627 2920-00-830-6660	ANAD Overhaul ANAD Overhaul	YES YES	
Engine Power Take Off Assy	x	2990-01-136-0965	ANAD Overhaul	YES	
Engine Starter	x	2920-01-139-3722	ANAD Overhaul	YES	
Relay Assembly	x	5945-00-617-7194	ANAD Overhaul	YES	
Transmission Power Take Off Assembly	x	2520-00-673-1569	ANAD Overhaul	YES	
Transmission Cooler	x	2520-01-162-7035	ANAD Overhaul	YES	

DMWR / NMWR completion date for engine 3QFY02; all others 2QFY02

TABLE 1 – Specific Recapitalization Component Configuration List

2. **Baseline Funding:** The recapitalization funding line in Table 2 was approved by VCSA on 28 September 2001. Table 2 also contains funding information cited from POM File 4.1 and the FY03 Presidential Budget.

VCSA Decision	FY02	FY03	FY04	FY05	FY06	FY07	Total
M88A1 (Rebuild)							
RDA Required							
RDTE							
PA							
Weapon Systems & MWOs (est)							
Training Devices (est)							
Initial Spares (est)							
STS (est)							
Any Additional lines							
OMA Required	\$43.88	\$46.46	\$47.53	\$48.11	\$49.17	\$47.01	\$282.15
Depot Maintenance	\$39.72	\$42.96	\$43.82	\$44.69	\$45.59	\$46.50	\$263.28
SSTS (Recap)	\$3.22	\$3.01	\$3.22	\$3.01	\$3.03		\$15.49
SDO	\$0.34	\$0.13	\$0.13	\$0.07	\$0.15	\$0.11	\$0.93
SDT	\$0.60	\$0.36	\$0.36	\$0.33	\$0.40	\$0.40	\$2.45
PPSS							\$0.00
MWO							\$0.00
Initial Spares							\$0.00
Support Equipment (TMDE)							\$0.00
Training Devices							\$0.00
CLS							\$0.00
Other Funded							\$0.00
Training							\$0.00
Manning							\$0.00
Munitions							\$0.00
Installation Support Costs							\$0.00
Total Required	\$43.88	\$46.46	\$47.53	\$48.10	\$49.17	\$47.01	\$282.15

* OMA Recapitalization is the only funded item on this table

TABLE 2– Baseline Funding / Unit Cost

3. Baseline Schedule:

Table 3a represents the tentative M88A1 Recapitalization Program Fielding schedule.
(awaiting DA guidance for final plan)

Table 3b represents Approved ODSOPS distribution and mix of M88A1s and M88A2

Date	ANAD SCH	Fielded	Unit	Total OH	Date	ANAD SCH	Fielded	Unit	Total OH
31-Oct-01	0	0	4ID	0	31-Oct-04		0	3ID	16
30-Nov-01	0	0	4ID	0	30-Nov-04		0	3ID	16
31-Dec-01	0	0	4ID	0	31-Dec-04		0	3ID	16
31-Jan-02	0	0	4ID	0	31-Jan-05		0	3ID	16
28-Feb-02	0	0	4ID	0	28-Feb-05	4	0	3ID	20
31-Mar-02	0	0	4ID	0	31-Mar-05	9	0	3ID	29
30-Apr-02	2	0	4ID	2	30-Apr-05	9	0	3ID	38
31-May-02	9	0	4ID	11	31-May-05	9	0	3ID	47
30-Jun-02	10	0	4ID	21	30-Jun-05	9	0	3ID	56
31-Jul-02	9	0	4ID	30	31-Jul-05	9	0	3ID	65
31-Aug-02	9	0	4ID	39	31-Aug-05	4	57	3ID	12
30-Sep-02	9	0	4ID	48	30-Sep-05		0	1AD	12
31-Oct-02	5	44	4ID	9	31-Oct-05		0	1AD	12
30-Nov-02		0	1CD	9	30-Nov-05		0	1AD	12
31-Dec-02		0	1CD	9	31-Dec-05		0	1AD	12
31-Jan-03		0	1CD	9	31-Jan-06		0	1AD	12
28-Feb-03	4	0	1CD	13	28-Feb-06	4	0	1AD	16
31-Mar-03	9	0	1CD	22	31-Mar-06	9	0	1AD	25
30-Apr-03	9	0	1CD	31	30-Apr-06	9	0	1AD	34
31-May-03	9	0	1CD	40	31-May-06	9	0	1AD	43
30-Jun-03	9	0	1CD	49	30-Jun-06	9	0	1AD	52
31-Jul-03	9	44	1CD	14	31-Jul-06	9	0	1AD	61
31-Aug-03	4	5	3ACR	13	31-Aug-06	4	51	1AD	14
30-Sep-03		0	2ID/F	13	30-Sep-06		4	I Corps	10
31-Oct-03		0	2ID/F	13	31-Oct-06		0	III Corps	10
30-Nov-03		0	2ID/F	13	30-Nov-06		0	III Corps	10
31-Dec-03		0	2ID/F	13	31-Dec-06		0	III Corps	10
31-Jan-04		0	2ID/F	13	31-Jan-07		0	III Corps	10
29-Feb-04	4	0	2ID/F	17	28-Feb-07	4	0	III Corps	14
31-Mar-04	9	0	2ID/F	26	31-Mar-07	9	0	III Corps	23
30-Apr-04	9	35	2ID/F	0	30-Apr-07	9	0	III Corps	32
31-May-04	9	0	1ID/R	9	31-May-07	9	0	III Corps	41
30-Jun-04	9	0	1ID/R	18	30-Jun-07	9	0	III Corps	50
31-Jul-04	9	14	1ID/R	13	31-Jul-07	9	0	III Corps	59
31-Aug-04	3	0	3ID	16	31-Aug-07	4	0	III Corps	63
30-Sep-04		0	3ID	16	30-Sep-07	0	62	III Corps	1

4ID	2ID/F	3ID	III Corps
1CD	1ID/R	1AD	
3ACR		I Corps	

Total Qty	Fielded	Total OH
317	316	1

TABLE 3a- Baseline Tentative Fielding Schedule
(awaiting DA guidance for final plan)

Unit	Counter Attack Corps (31/3)	AC	eSB	NG/AR	M88 FOV Total (31/3)	M88A1 Total (31/3)	M88A2 Total (31/3)
4ID	94				94	44	50
1CD	94				94	44	50
3ACH	33				33	5	28
2IDF		56			56	35	21
11IDR		29			29	14	15
3ID	92				92	57	35
278ACB / eSB			33		33	5	28
1AD		92			92	51	41
I Corps		8			8	4	4
III Corps	67				67	52	5
V Corps		56			56	51	5
VIII Corps		6			6	6	0
APS2		53			53	25	28
APS3		113			113	31	72
1UDF		68			68	42	26
APS4		48			48	34	14
APS5		86			86	58	28
11 ACR		18			18	18	0
81eSB			30		30	21	9
15eSB			30		30	15	15
218eSB			30		30	21	9
118eSB			30		30	15	15
256eSB			30		30	21	9
30eSB			31		30	21	9
48eSB			13		18	9	9
42ID				68	68	38	0
28ID				61	61	31	0
38ID				51	51	31	0
36ID				50	50	30	0
40AD				52	52	52	0
49AD				73	73	73	0
34ID				43	43	43	0
8 AR				8	8	8	0
USAR				24	24	0	24
NG OBE				26	26	26	0
CMIC				7	7	7	0
Training Base		72			72	52	20
TDA				239	239	161	78
Other		66		103	169	167	2
Total Requirements	380	771	231	805	2187	1388	599

M88A1	
M88A2	
M88A1/A2	

TABLE 3b – Approved ODSOPS distribution and mix of M88A1s and M88A2

4. Performance: The Army Materiel Systems Analysis Agency (AMSAA) will track the metrics outlined in Table 4 to measure the effectiveness of the M88A1 Recapitalization Program. The macro level metrics were formulated to be flexible and efficient performance measures. The responsible agency will exercise the process used to collect supporting empirical data at appropriate times to ensure all data elements required for the calculations are available.

Metric	Objective	Source of Data
Formula	Performance Measures	
1. Increase MTBR for selected Recapitalized components	Increase by 20%	AMSAA (FEDC/SDC), FVPDS, WOLF, and OSMIS databases

$$MTBR = \frac{\sum_{i=1}^n \left(\frac{MTBR(R)_i}{MTBR(B)_i} - 1 \right)}{N} \times 100\%$$

The first calculation is made when 10 recapped components have 10 fleet wide failures each. Intermediate calculations are made annually thereafter.
Final measurement will be made when all recapped components have 30 fleet wide failures each.

Where: MTBR = Percentage Change of Unscheduled Mean Time Between Removal (%)
MTBR(R) = Unscheduled Mean Time Between Removal – Recapped Component
MTBR(B) = Unscheduled Mean Time Between Removal – Baseline Component
N = Sum of Components

2. Reduction in parts cost for top 10 cost drivers	30% reduction in parts costs	AMSAA (FEDC & SDC) OSMIS database
$PRPC = 100 \times \{ 1 - [AC(R) / MTBR(R)] / [AC(B) / MTBR(B)] \}$		

The first calculation is made when the top 10 cost drivers have 10 fleet wide failures each.
Final measurement is made when the top 10 cost drivers have 30 fleet wide failures each.

Where: PRPC = Percentage Reduction in Parts Cost
AC(B) = Average Cost of Baseline Component
AC(R) = Average Cost of Recapped Component
MTBR(R) = Unscheduled Mean Time Between Removal – Recapped Component
MTBR(B) = Unscheduled Mean Time Between Removal – Baseline Component

Metric	Objective	Source of Data
Formula	Performance Measures	
3. Timely incorporation of Technical Insertions (APU, VIS, VMLS)	VIS & VMLS in first production year. APU in second year.	Anniston Army Depot (ANAD)

Heavy Armor Commodity Business Unit will track vehicles by serial number and retrofit as necessary the vehicles that did not receive technical insertions during recapitalization.

4. Improve Operational Readiness of M88A1s in Counterattack Corps	Bring OR Rate for RECAPPED vehicles to 90% in the Counterattack Corps and maintain 90% or better for a one year period after fielding.	Readiness Integrated Data Base (RIDB)
-------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------

Heavy Armor Commodity Business Unit will report on OR rates monthly beginning one month after first unit fielded

5. Measure changes in quantities and cost per year.	Keep cost and schedule within 10% of program baseline	Maint Data Mgmt Sys (MDMS)
-----------------------------------------------------	-------------------------------------------------------	----------------------------

Breach occurs when costs increase by 10% or more or when quantities slip by 10% in a given production cycle.

6. Reduce maximum time to repair.	This is an internal TACOM goal to reduce time to repair through "pit-stop" engineering and incorporation of technical insertion to ease/reduce maintenance burden.	Standard Army Maint Sys (SAMS) Integrated Logistics Analysis Program (ILAP)
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Readiness Directorate will track, measure and report. High maintenance drivers will be analyzed and component re-design(s) developed.

5. Interfaces: The M88A1 Recapitalization Program relies on an integrated government / industry strategy to achieve cost, schedule, and performance objectives. The government relationship is with Anniston Army Depot (ANAD). The commercial contract agreement is with DUCOM / BRI, which, along with ANAD, will bring critical skills to the recapitalization effort. Table 5 outlines the major recapitalization responsibility for each relationship.

Depot / Industry	Contract Agreements	Date of Signature/ Implementation	Test Relationship (if required)	Recap Initiative
Depot – ANAD	Scope of Work (SOW)	1 Nov 01	None	Induction/ Production
Industry – DUCOM/BRI	Focused Sustainment Contract DAAE07-98-D-T065 / 0041	14 Mar 01	None	SOW (ANAD/TACOM) NMWRs / DMWRs MRP List Reports
Industry - DUCOM/BRI	Focused Sustainment Contract DAAE-7-98-D-T065/0045	27 Sep 01	None	APU Drawings / Reports
Industry - DUCOM/BRI	Focused Sustainment Contract DAAE07-98-D-T065/0046	28 Sep 01	None	VIS Drawings / Reports

TABLE 5 – Base Interface



DEPARTMENT OF THE ARMY
OFFICE OF THE ASSISTANT SECRETARY
ACQUISITION LOGISTICS AND TECHNOLOGY
103 ARMY PENTAGON
WASHINGTON DC 20310-0103

07 NOV 2001

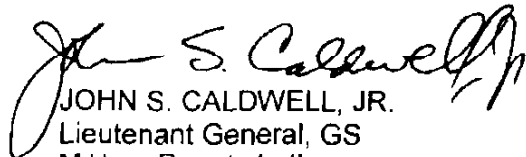
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MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Recapitalization Program Baseline

This memorandum sets forth guidance that should be followed to document and track the Army's Recapitalization effort. Enclosed is the template that will be used to develop and execute the individual systems Recapitalization Program Baseline. The Program/Project/Product Manager of the systems that have already been approved by the Army Acquisition Executive/Vice Chief of Staff, Army (AAE/VCSA) will be afforded 90 days from the date of this document to follow and complete the Recapitalization approval process laid out in this Recapitalization Program Baseline guidance. Future candidate systems that have not been seen by the AAE/VCSA will be afforded 60 days after an option is adopted, to complete the process of creating a baseline. All recapitalization systems will obtain validation, within afforded time frames, of the Baseline Cost Data, Cost Benefit Analysis and Trade Off Analysis from the Cost and Economic Analysis Center.

The point of contact for this matter is COL Jim Wells, DSN: 224-3993 or 703-614-3993.


JOHN S. CALDWELL, JR.
Lieutenant General, GS
Military Deputy to the
Assistant Secretary of the
Army (Acquisition, Logistics
and Technology)

Enclosure

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PROGRAM EXECUTIVE OFFICE
COMBAT SUPPORT & COMBAT SERVICE SUPPORT
6501 E. 11 Mile Road
WARREN, MICHIGAN 48397-5000

REPLY TO
ATTENTION OF

01 NOV 2002

SFAE-CSS-CM-R

DECISION MEMORANDUM

SUBJECT: M88A1 Recapitalization Program Baseline (RPB) and Recapitalization Decision Review

1. In accordance with the direction dated 28 September 2001, the Vice Chief of Staff, Army (VCSA) approved a recapitalization program for 317 M88A1s, with Vehicular Intercommunication System (VIS) and improved Auxiliary Power Unit (APU), in FY 02 through FY 07. The M88A1 Recap Program Baseline guidance was approved by the CG, TACOM on 13 February 2002. A positive Cost and Economic Analysis Center (CEAC) Sufficiency Review was received on 2 August 2002.
2. Other than the recapitalization effort, there is no acquisition strategy/plan for the M88A1. The last new procurement of the M88A1 was in 1989. previous acquisition plans are not relevant because no additional M88A1s are being procured. Since 1989 there have only been periodic, but irregular, depot overhaul programs based upon funding availability.
3. At the direction of the Council of Colonels, embedded diagnostics based on M88A2 hardware and software was added to the M88A1 briefing presented to the VCSA. However, embedded diagnostics has been an unfunded requirement for the M88A1. Since it is unfunded, all references to the insertion of embedded diagnostics have been removed from the M88A1 RPB, as directed by the Army Cost and Economic Analysis Center (CEAC) during their review of the RPB.
4. The recapitalization program was initiated on schedule in April 2002 at Anniston Army Depot (ANAD). The first 14 vehicles, equipped with Automation Identification Technology (AIT), were successfully fielded to the 4ID on 5-9 August 2002. Production continues at ANAD and is slightly ahead of schedule.
5. I have reviewed and concur in the following documents: 1) the M88A1 RPB, 2) the VCSA approved M88A1 Recapitalization Brief and 3) the Army Cost and Economic Analysis Center concurrency documentation.

ROGER A. NADEAU
Brigadier General, USA
Program Executive Officer
Combat Support & Combat Service Support



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
COST AND ECONOMIC ANALYSIS CENTER
1421 JEFFERSON DAVIS HWY SUITE 9000
ARLINGTON VA 22202-3259



SFFM-CA-ZA (11-18a)

02 AUG 2006

MEMORANDUM FOR THE PROGRAM EXECUTIVE OFFICER, COMBAT SUPPORT AND
COMBAT SERVICE SUPPORT, ATTN: SFAE-CSS, WARREN, MI 48397

SUBJECT: M88A1 Medium Recovery Vehicle Recapitalization Baseline
Cost Sufficiency Review

1. The Army Cost and Economic Analysis Center has reviewed the cost presented by the Program Manager for the M88A1 Medium Recovery Vehicle. Our review focused only on the recapitalization investment cost estimate. Per our agreement with the Assistant Secretary of the Army Acquisition, Logistics, and Technology, we did not examine the potential savings or affordability of the recapitalization program. The submission provided a reasonable estimate of the total recapitalization baseline cost.

2. The U.S. Army Cost and Economic Analysis Center points of contact are: Mr. Pete Stenmiski, (703) 601-4191 or DSN 329-4191, and Mr. Bob Conley, (703) 601-4173 or DSN 329-4173.

Encl


ROBERT W. YOUNG
Director

CF:
Project Manager - M88A1
ASA (ALT), ATTN: SAAL-SI



APPROVED PROGRAM

Recapitalization Program Funding. The Recapitalization funding line was approved by the AAE/VCSA on 28 SEP 01. The table is expressed in TY\$M.

Required	FY02	FY03	FY04	FY05	FY06	FY07	FY03-07 POM	EPP	Total
RDA Required									
RDTE									
PA									
Weapon Systems & MWOs (est)									
Training Devices (est)									
Initial Spares (est)									
STS (est)									
OMA Required	\$43.88	\$46.46	\$47.53	\$48.10	\$49.17	\$47.01	\$238.27		\$282.15
Depot Maintenance	\$39.72	\$42.96	\$43.82	\$44.69	\$45.59	\$46.50	\$223.56		\$263.28
SSTS (Recap)	\$3.22	\$3.01	\$3.22	\$3.01	\$3.03		\$12.27		\$15.49
SDO	\$0.34	\$0.13	\$0.13	\$0.07	\$0.15	\$0.11	\$0.59		\$0.93
SDT	\$0.60	\$0.36	\$0.36	\$0.33	\$0.40	\$0.40	\$1.85		\$2.45
PPSS									\$0.00
MWO									\$0.00
Initial Spares									\$0.00
Support Equipment (TMDE)									\$0.00
Training Devices									\$0.00
CLS									\$0.00
Total Required	\$43.88	\$46.46	\$47.53	\$48.10	\$49.17	\$47.01	\$238.27		\$282.15

Recapitalization Program Schedule. All 317 M88A1s will be rebuilt to a like-new, near zero hour/zero mileage vehicle at the Anniston Army Depot. The following table provides the rate per year for the M88A1 rebuilds.

	FY02	FY03	FY04	FY05	FY06	FY07	Total
Rebuild	53	53	52	53	53	53	317

Office, Assistant Secretary of the Army (ALT)

SUMMARY OF ACTION

TO: VCSA

THRU: AAE

THRU: ~~MIL DEP~~ Cys B3/10

ACTION OFFICER: Mr. Jose Rivera

OFFICE SYMBOL: SAAL-ZCS

PHONE NO: 604-7244

DATE/TIME: 02-25-03/ 1500

SUSPENSE DATE:

28 February 2003

CONTROL NO.

NA

30300242

SUBJECT: M88A1 Recapitalization Program Baseline (RPB)

RECOMMENDATION: Army Acquisition Executive (AAE)/ Vice Chief of Staff, Army (VCSA) approve and sign the RPB.

SUMMARY OF ACTION: The Recapitalization Program Baseline (RPB) describes cost, schedule and performance objectives for the decision made by the AAE/VCSA on 19 Oct 01. The 7 Oct 01 letter from LTG Caldwell tasked PEO to comply with the RPB guidance and obtain the required coordination from the Major Subordinate Command along with the Army Cost and Economic Analysis Center (CEAC). PEO Combat Support/Combat Service Support (CS/CSS) conducted a decision review of the M88A1 Recapitalization Programs and approved it pending final approval of the RPB by the AAE and VCSA.

TAB A - AAE/VCSA approval letter

TAB B - RPB

TAB C - MIL DEP Recapitalization Guidance Letter/ PEO CS/CSS validation letter

MILITARY DEPUTY ACTION

- ☐ [Approved]
☐ [Disapproved]
☐ PSM

- ☐ [Recommend Approval]
☐ [Recommended Disapproval]
☐ Noted

Comments :

ASA (ALT) ACTION

- ☐ Approved
☐ PSM

- ☐ Disapproved
☐ Noted

Comments:

COORDINATION

APPROVALS

CC	NCC	OFFICE	NAME	PHONE		APPR	DISAPPR	INITIAL	DATE
NLO		OGC	COL Karl Elcessor	697-1406	DEP				
X		SAFM-BUI	Marcia Freeman	614-7992	ASST DEP	✓		Em	2/27/03
X		PEO CS/CSS	Mary Quin	586-574-5675	DEP XO	✓		Em	22 Feb 03
X		SAAL-SI	Paul Barry	614-4540	DIR	✓		AMW	28 Feb 03
X		SAAL-ZI	MAJ Louis Britos	614-7557	DIR (ZCS)	✓		JP	1 Feb 03
X		DAPR-FDM	MAJ Paul Prevost	692-6281					
X		G8-PAE	MAJ Jeff Angers	696-3825					

CC = Concur

NCC = Nonconcur

APPR = Approved

DISAPP = Disapproved

MS Word SAAL FORM 5 Developed by Sonal Patel

Version Dated 20 February 2003

BDL

Office, Assistant Secretary of the Army (ALT)
SUMMARY OF ACTION

To: VCSA Thru: AAE Thru: MILDEP	ACTION OFFICER: José Rivera OFFICE SYMBOL: SAAL-ZCS PHONE NO: 604-7244 DATE/TIME: 7 Feb 03	SUSPENSE DATE CONTROL NO. <div style="text-align: center;">30300242 30300242</div>
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SUBJECT: M88A1 Medium Recovery Vehicle Recapitalization Program Baseline (RPB) Approval

RECOMMENDATION: AAE/VCSA sign M88A1 Medium Recovery Vehicle Recapitalization Program Baseline (RPB) Approval Memorandum

ACTION	INFO	DRIVE LOCATION
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SUMMARY OF ACTION: LTG Caldwell tasked the Program Executive Officers (PEO) of the Recap systems approved by the VCSA to comply with the RPB guidance. PEO Combat Support/Combat Service Support (CS/CSS) conducted a Decision Review of the M88A1 Recapitalization Program and approved it pending final approval of the RPB by the Army Acquisition Executive/Vice Chief of Staff, Army. Attached is the M88A1 RPB for approval.

- ~~TAB A~~ – MIL DEP recommendation to approve, sign and forward approval memorandum to the AAE/VCSA.
 ATAB B – AAE/VCSA approval letter.
 BTAB C – RPB
 CTAB D – MIL DEP Recapitalization Guidance Letter / *PEO VALIDATION LETTER.*
 TAB E – PEO validation letter.

MILITARY DEPUTY ACTION					G-4 ACTION							
[Approved] [Disapproved]		[Recommend Approval] [Recommended Disapproval]			[Approved] [Disapproved]		[Recommend Approval] [Recommend Disapproval]					
PSM		Noted			PSM		Noted					
Comments:					Comments:							
COORDINATION					APPROVALS							
CC	NCC	OFFICE	NAME	PHONE		A	D	INT. Date		A	D	INT. Date
X		OGC	COL Karl M. Filicessor	697-1406	DASA				ZXA			
X		SAFM-BUI	Marcia Freeman	614-7392	Asst. DASA				DIR			
X		PEO-CS/CSS	Mary Quinn	(586) 574-5675	DIV				DEP DIR			
		SAAL-SI	COL James Wells	614-3993	DASA XO				DIR XO			
X		SAAL-ZI	MAJ Louis Britos	614-7557	Asst. G4				DIV	✓		
X		DAPR-FDM	MAJ Paul Prevost	692-6281	XO, G4				CACO			
					<i>Sec. DASA Format Review</i>				<i>Sec. DIR Format Review</i>			

CC = Concur NCC = Nonconcur A = Approved D = Disapproved

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Version Dated 20 March 2002